

CLAIMS

What is claimed is:

1. A camera comprising:

a charge-coupled device (CCD), the CCD having an anti-stokes phosphor bound to the light receiving surface thereof; and

a housing surrounding the CCD and defining an aperture through which, in use, light can pass and be received by the phosphor.

2. A camera according to claim 1, wherein the anti-stokes phosphor is sensitive to light in the wavelength range of 1500nm to 1610nm.

3. A camera according to claim 1, wherein the phosphor emits in the range of 950nm to 1075nm.

4. A camera according to claims 1, comprising at least one filter positioned between the aperture and the phosphor on the CCD.

5. A camera according to claim 1, wherein the phosphor comprises ErYb in a host phosphor matrix.

6. A camera according to claim 5, wherein the host phosphor matrix comprises one of $\text{Y}_2\text{O}_2\text{S}$, YF_3 , NaYF_4 and $\text{La}_2\text{O}_2\text{S}$.

7. A camera according to claim 1, wherein the phosphor is bound to the CCD by an adhesive.